Vehicle Stops Report: 2025

University of Missouri

June 1, 2026

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1 State Results

Table 1: Rates by Race for Missouri

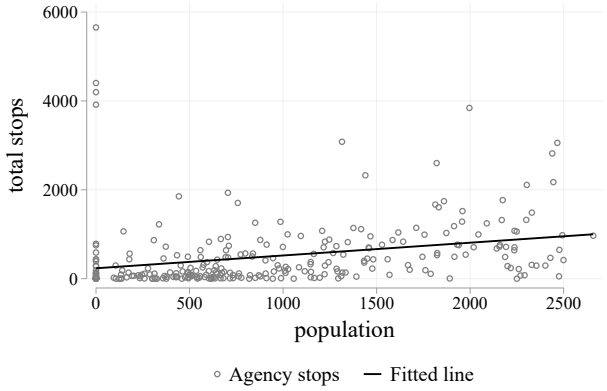
	Total	White	Black	Hispanic	Native American	Asian	Other
Population	.	.	.	.	.	.	.
2024 ACS pop.	4975226	3890880	526554	224416	14121	110289	380806
2024 ACS pop. %	100	78.21	10.58	4.51	.28	2.22	7.65
2020 Decennial pop.	4775612	3723642	514169	197173	18642	104558	217428
2020 Decennial pop. %	100	77.97	10.77	4.13	.39	2.19	4.55
Totals	.	.	.	.	.	.	.
All stops	1439086	1090860	251703	54777	2569	15813	23364
Resident stops	689635	556584	97555	22080	1022	6181	6213
Searches	68271	49846	13783	3758	94	363	427
Contraband	15414	11856	2768	637	23	63	67
Arrests	55600	36751	14127	3948	82	329	363
Citations	553329	384205	128395	26199	901	6717	6912
Rates	.	.	.	.	.	.	.
Stop rate	28.93	28.04	47.8	24.41	18.19	14.34	6.14
Stop rate, residents	13.86	14.3	18.53	9.84	7.24	5.6	1.63
Search rate	4.74	4.57	5.48	6.86	3.66	2.3	1.83
Contraband hit rate	22.58	23.79	20.08	16.95	24.47	17.36	15.69
Arrest rate	3.86	3.37	5.61	7.21	3.19	2.08	1.55
Citation rate	38.45	35.22	51.01	47.83	35.07	42.48	29.58

Notes: The American Community Survey five-year population estimates for ages 16+ as of 2024 are used for Missouri. For comparison, the 2020 Decennial Census population estimates for ages 18+ are also shown in the table.
The ACS only provides race-specific Hispanic estimates for White, meaning non-White Hispanic residents are double-counted in the race percentages above.

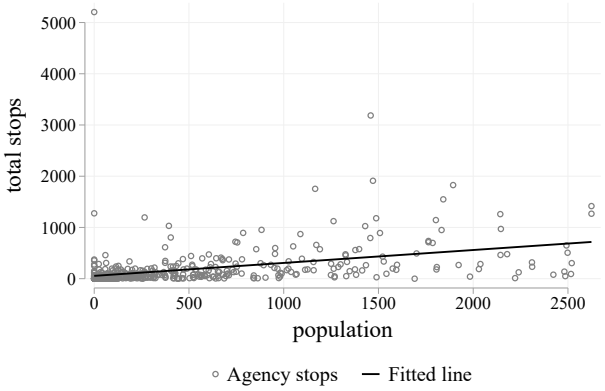
Stop rate = (stops /2024 population) X 100.
Stop rate, residents only = (stops by residents / 2024 population) X 100.
Search rate = (searches / stops) X 100.
Contraband hit rate = (searches with contraband found / total searches) X 100.
Arrest rate = (arrests / stops) X 100.
Citation rate = (citations / stops) X 100.

Figure 1: Total stops across agencies for Missouri

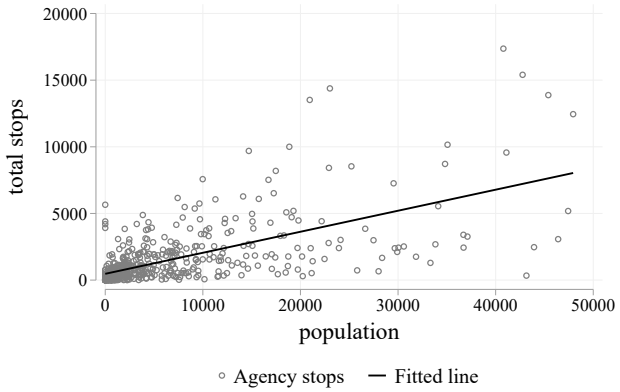
(a) Total stops, pop. below median



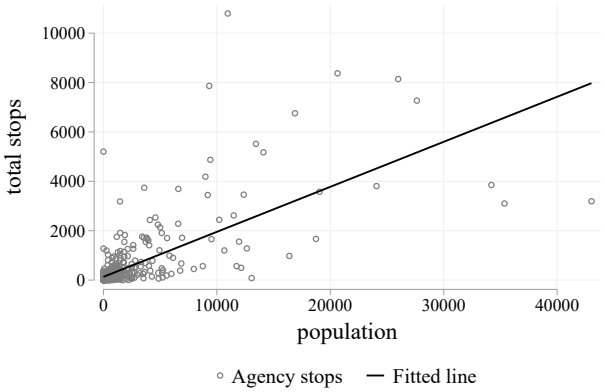
(b) Non-white total stops, pop. below median



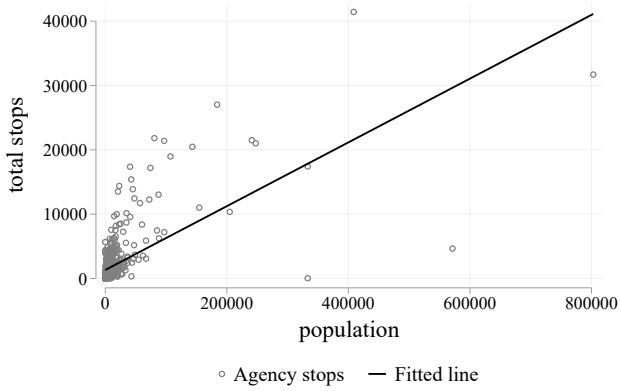
(c) Total stops, pop. below 95th percentile



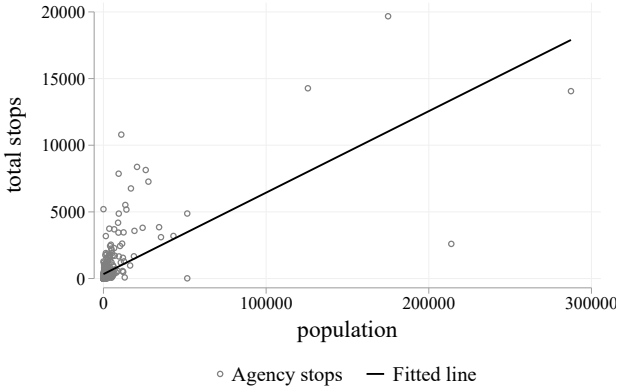
(d) Non-white total stops, pop. below 95th percentile



(e) Total stops, all



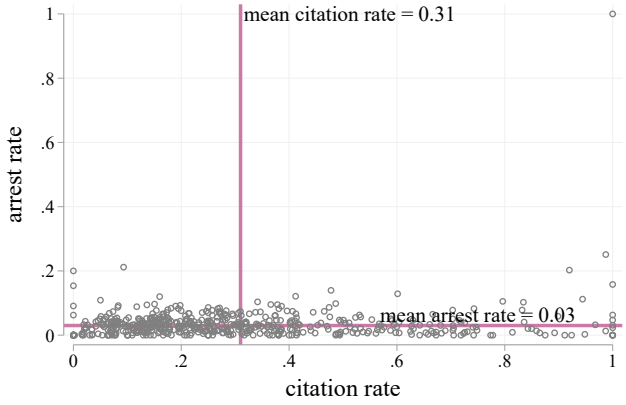
(f) Non-white total stops, all



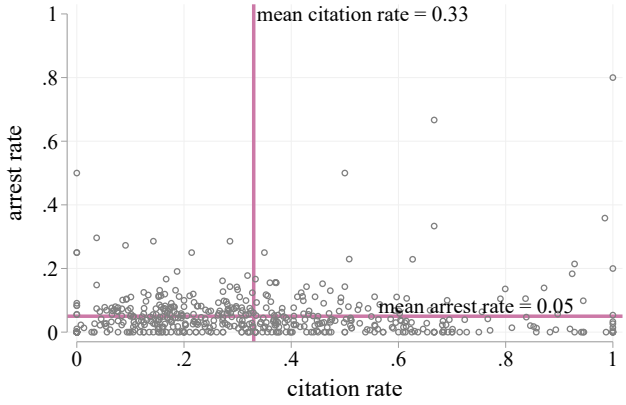
Notes: Figure (a) depicts the total number of stops for all agencies with a total population less than the median population size (2,669.5 persons) in Missouri plotted against population size. Similarly, Figure (b) shows the total number of non-white stops by the non-white population size for each agency for those same agencies. Figures (c) and (d) follow the same format but for agencies with a total population less than the 95th-percentile (49,125 persons). Finally, graphs (e) and (f) graph all agencies, except the Missouri State Highway Patrol which covers the entire state. Population is measured using the 2023 American Community Survey 5-year estimates for Missouri. The ACS only provides race-specific Hispanic estimates for White, to avoid double counting we calculate the total non-White population as the total population minus the White population for each agency. Agencies without population (e.g., university police) are considered to have a population of zero.

Figure 2: Citation, arrest, search, and hit rates across agencies for Missouri

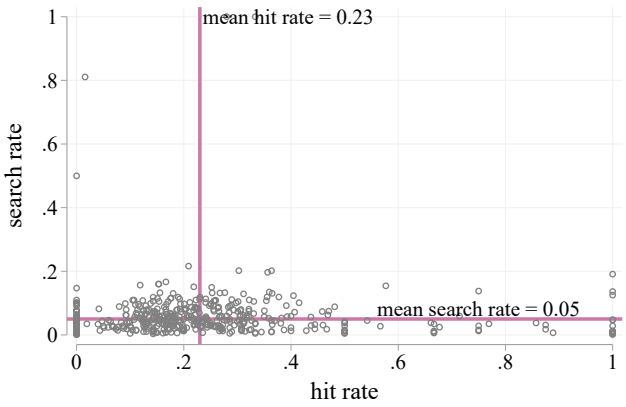
(a) Arrest and citation rate



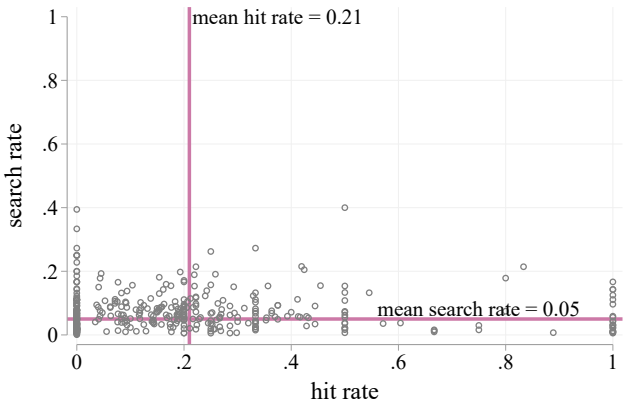
(b) Non-white arrest and citation rate



(c) Search and hit rate



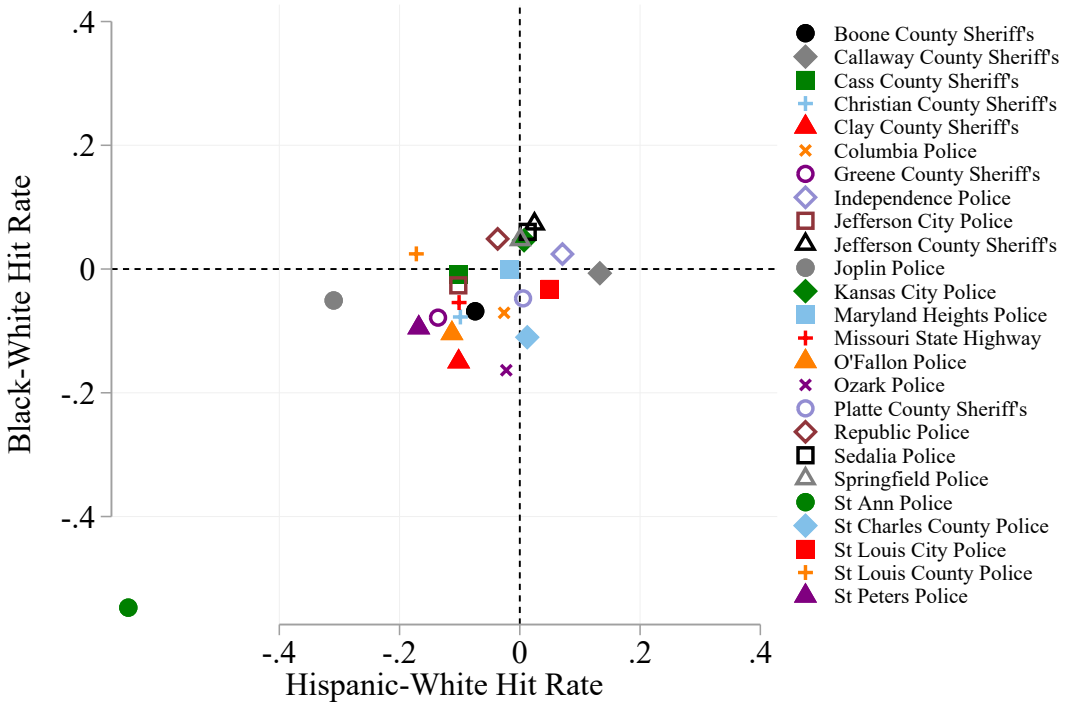
(d) Non-white search and hit rate



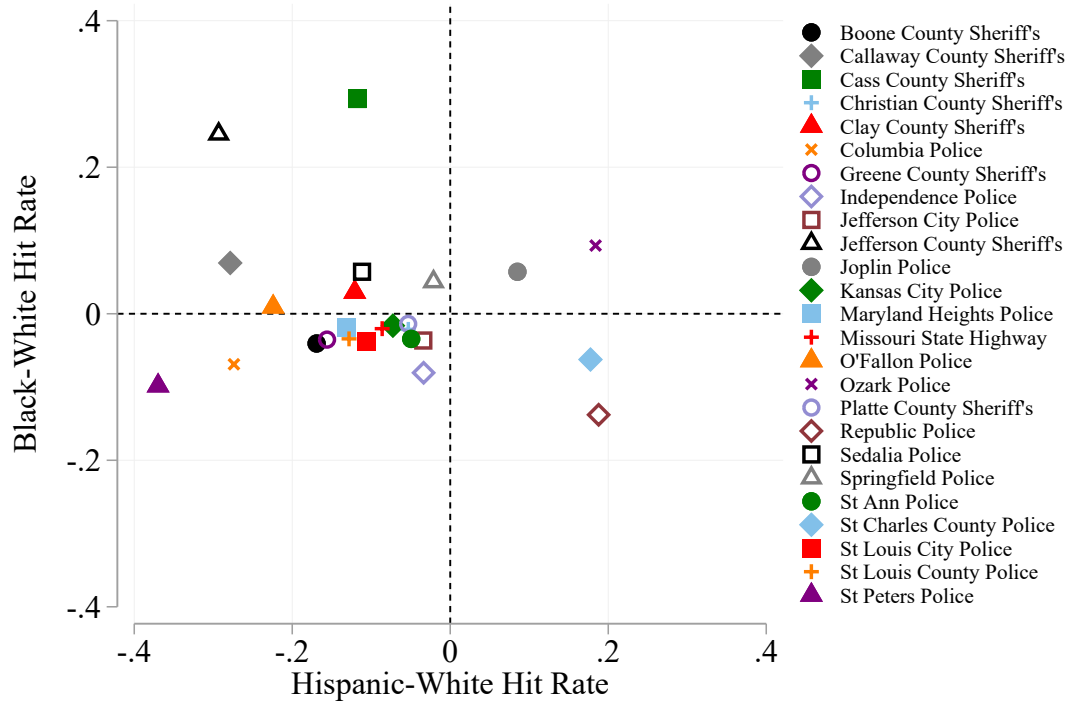
Notes: Figure (a) graphs the arrest rate and citation rate for all agencies in Missouri. Similarly, Figure (b) graphs the arrest rate and citation rate for all non-white stops. Figure (c) graphs the search rate and hit rate for all agencies in Missouri. Similarly, Figure (d) graphs the search rate for all non-white stops and hit rate for all non-white searches. The reported mean equally weights each agency and is not a population-weighted mean.

Figure 3: Relative hit rates for the top 25 agencies with the most searches

(a) 2025



(b) 2015



Notes: The race specific hit rate is calculated as the number of searches that find contraband divided by the total number of searches for a specific race. The difference between the Black and White hit rates and the Hispanic and White hit rates are plotted on the y- and x-axis, respectively.

Table 2: Disparity Index for Missouri

	Total	White	Black	Hispanic	Native American	Asian	Other
Population	.	.	.	.	.	.	.
2024 ACS pop.	4975226	3890880	526554	224416	14121	110289	380806
2024 ACS pop. %	100	78.21	10.58	4.51	.28	2.22	7.65
2020 Decennial pop.	4775612	3723642	514169	197173	18642	104558	217428
2020 Decennial pop. %	100	77.97	10.77	4.13	.39	2.19	4.55
Stops	.	.	.	.	.	.	.
All stops	1439086	1090860	251703	54777	2569	15813	23364
Resident stops	689635	556584	97555	22080	1022	6181	6213
Disparity index	.	.	.	.	.	.	.
All stops ACS	.	.969	1.653	.844	.629	.496	.212
Resident stops ACS	.	1.032	1.337	.71	.522	.404	.118
All stops DEC	.	.972	1.625	.922	.457	.502	.357
Resident stops DEC	.	1.035	1.314	.775	.38	.409	.198

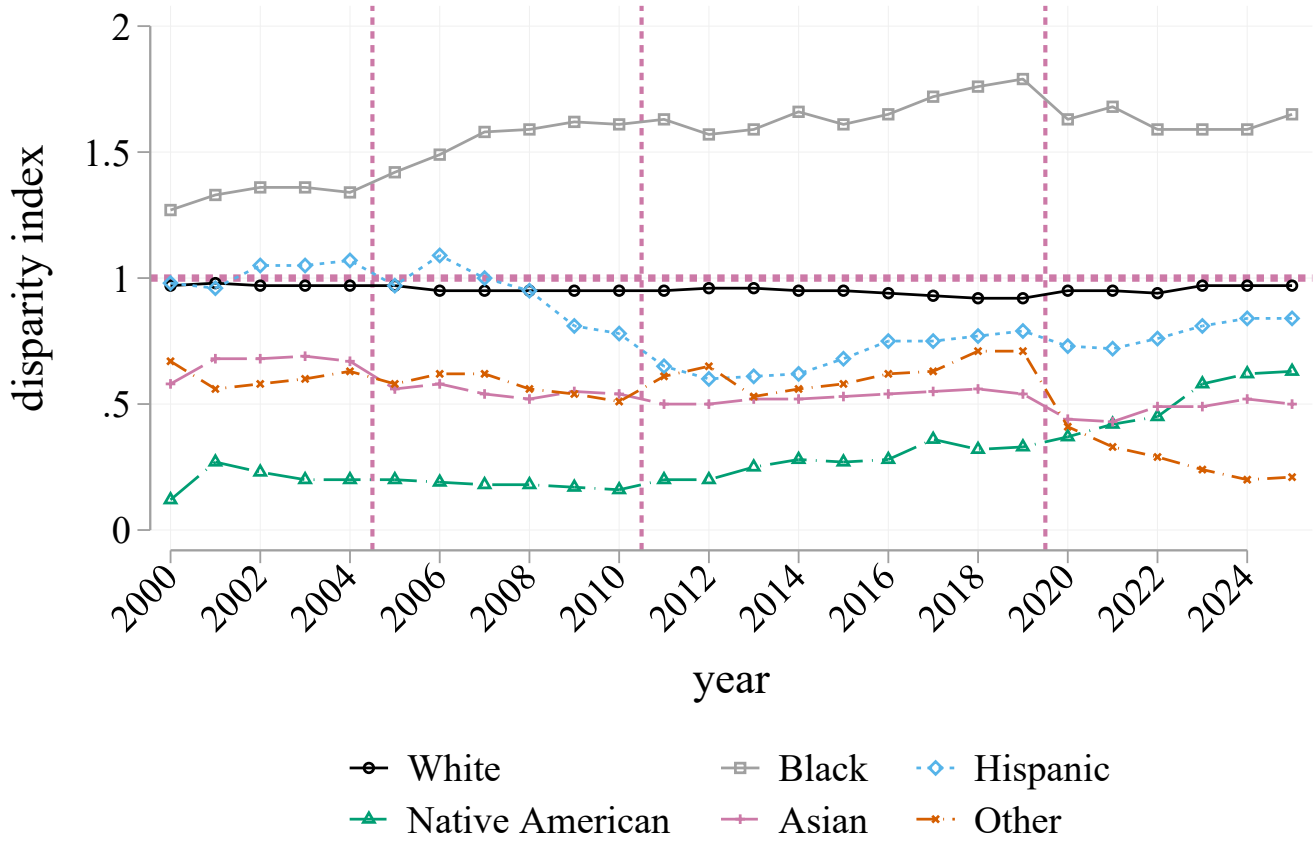
Notes: 2025 Disparity index is based on 2020-2024 average population estimates from the U.S. Census Bureau's American Community Survey (ACS) for ages 16+ for Missouri. The ACS only provides race-specific Hispanic estimates for White, meaning non-White Hispanic residents are double-counted in the race percentages above. For comparison, the 2020 Decennial Census population estimates for ages 18+ are also shown in the table. Disparity index = (proportion of stops / proportion of population). A value of 1 indicates no difference between the share of stops and share of local population for a given group. Values greater than one indicate over-representation in the share of stops relative to local population, while a value less than 1 indicates under-representation.

Table 3: Disparity Index from 2000 to 2025 for Missouri

	White	Black	Hispanic	Native American	Asian	Other
2000	.97	1.27	.98	.12	.58	.67
2001	.98	1.33	.96	.27	.68	.56
2002	.97	1.36	1.05	.23	.68	.58
2003	.97	1.36	1.05	.2	.69	.6
2004	.97	1.34	1.07	.2	.67	.63
2005	.97	1.42	.97	.2	.56	.58
2006	.95	1.49	1.09	.19	.58	.62
2007	.95	1.58	1	.18	.54	.62
2008	.95	1.59	.95	.18	.52	.56
2009	.95	1.62	.81	.17	.55	.54
2010	.95	1.61	.78	.16	.54	.51
2011	.95	1.63	.65	.2	.5	.61
2012	.96	1.57	.6	.2	.5	.65
2013	.96	1.59	.61	.25	.52	.53
2014	.95	1.66	.62	.28	.52	.56
2015	.95	1.61	.68	.27	.53	.58
2016	.94	1.65	.75	.28	.54	.62
2017	.93	1.72	.75	.36	.55	.63
2018	.92	1.76	.77	.32	.56	.71
2019	.92	1.79	.79	.33	.54	.71
2020	.95	1.63	.73	.37	.44	.41
2021	.95	1.68	.72	.42	.43	.33
2022	.94	1.59	.76	.45	.49	.29
2023	.97	1.59	.81	.58	.49	.24
2024	.97	1.59	.84	.62	.52	.2
2025	.97	1.65	.84	.63	.5	.21

Notes: In the years 2000 - 2004 the disparity index was calculated using the 2000 Decennial Census (ages 16+), 2005 - 2010 uses the annual updates from Geolytics Inc, and 2011 - 2019 use the 2010 Decennial Census for persons (ages 16+). Hispanics may be of any race. Other includes persons of two or more races or unknown race. The 2020, 2021, 2022, 2023, and 2025 disparity indices are based on the most recent 5-year population estimates from the American Community Survey (ages 16+) for Missouri (2015-2019, 2016-2020, 2017-2021, 2018-2022, 2019-2023, and 2020-2024 respectively). Disparity index = (proportion of stops / proportion of population). A value of 1 indicates no difference between the share of stops and share of local population for a given group. Values greater than one indicate over-representation in the share of stops relative to local population, while a value less than 1 indicates under-representation.

Figure 4: Disparity Index from 2000 to 2025 for Missouri



Notes: In the years 2000 - 2004 the disparity index was calculated using the 2000 Decennial Census (ages 16+), 2005 - 2010 uses the annual updates from Geolytics Inc, and 2011 - 2019 use the 2010 Decennial Census(ages 16+). Hispanics may be of any race. Other includes persons of two or more races or unknown race. The 2020, 2021, 2022, 2023, and 2025 disparity indices are based on the most recent 5-year population estimates (ages 16+) from the American Community Survey for Missouri (2015-2019, 2016-2020, 2017-2021, 2018-2022, 2019-2023, and 2020-2024 respectively). Changes in the population are noted by the vertical dashed lines before 2005, 2011, and 2020.
Disparity index = (proportion of stops / proportion of population). A value of 1 indicates no difference between the share of stops and share of local population for a given group. Values greater than one indicate over-representation in the share of stops relative to local population, while a value less than 1 indicates under-representation.

Table 4: Number of Stops by Race for Missouri

	Total	White	Black	Hispanic	Native American	Asian	Other
All Stops	1439086	1090860	251703	54777	2569	15813	23364
Resident Stops	689635	556584	97555	22080	1022	6181	6213
Non-Resident Stops	749451	534276	154148	32697	1547	9632	17151
Reason for Stop	.	.	.	.	.	.	.
Moving	781889	597464	126188	32773	1607	11176	12681
Equpiment	207870	160442	33836	7939	413	1959	3281
License	479062	350380	103612	14333	578	2912	7247
Investigative	40906	27358	9608	2340	67	392	1141
Called for Service	11559	7624	2876	604	26	104	325
Officer Initiative	24885	16900	5657	1411	39	243	635
Det./Crime Bulletin	1925	1196	543	110	2	13	61
Other	4233	2896	775	381	1	35	145
Stop Outcome	.	.	.	.	.	.	.
Searches	68271	49846	13783	3758	94	363	427
Contraband	15414	11856	2768	637	23	63	67
Arrests	55600	36751	14127	3948	82	329	363
Citation	553329	384205	128395	26199	901	6717	6912
Warning	1098032	873822	156442	39037	1937	11680	15114
No action	42794	28542	10591	2277	76	424	884
Citation/warning violation	.	.	.	.	.	.	.
Moving	825324	631377	132050	35858	1654	12266	12119
Equipment	279120	216022	45481	11495	449	2633	3040
License/Registration	622418	460181	127775	22640	809	4144	6869
Arrest violation	.	.	.	.	.	.	.
Outstanding warrant	21909	12991	7824	815	39	98	142
Drug Violation	6071	4981	923	126	5	11	25
Resist Arrest	1954	1096	712	125	3	10	8
Off Against Person	2371	1770	429	146	5	5	16
Traffic	15545	9090	4427	1777	21	91	139
DWI/BAC	15747	11349	2766	1370	24	167	71
Property	1545	1037	396	103	1	4	4
Other	3303	2102	851	288	4	23	35
Officer Assignment	.	.	.	.	.	.	.
General Patrol	1229195	941264	206474	46236	2257	13561	19403
Dedicated Traffic	166357	118293	35899	6766	255	1782	3362
Special Assignment	42085	31271	7910	1810	42	448	604
Location of Stop	.	.	.	.	.	.	.
Interstate hwy	168403	112815	40079	9960	409	3276	1864
US hwy	227776	190472	24468	8602	337	2077	1820
State hwy	339209	280065	40648	10412	544	2954	4586
County road	108934	77831	24891	2210	143	1256	2603
City street	584105	423688	118343	22960	1096	6005	12013
Other	24893	19551	3817	737	32	237	519
Driver Gender	.	.	.	.	.	.	.
Male	894175	671636	152722	41594	1796	10611	15816
Female	544653	418873	99090	13239	740	5183	7528
Driver Age	.	.	.	.	.	.	.
17 and under	54429	45682	5266	1586	59	376	1460
18-29	489504	352843	97327	23782	1081	5703	8768
30-39	342927	245293	72166	15341	621	3711	5795
40-64	458911	365257	68176	13299	687	5254	6238
65 and over	91810	80591	8543	765	90	740	1081

Notes: Data reported by the agency to the Attorney General's Office covering all traffic stops in 2025.

Table 5: Search statistics for Missouri

	Total	White	Black	Hispanic	Native American	Asian	Other
Probable cause	.	.	.	.	.	.	.
Consent	30717	24726	4494	1142	30	134	191
Inventory	6133	3817	1737	501	7	28	43
Drug/alcohol odor	3841	2693	837	250	6	21	34
Incident to arrest	33006	21981	8082	2475	52	227	189
Plain view contra.	2731	1963	589	142	3	16	18
Reas. susp-weapon	1419	735	616	54	2	4	8
Drug-dog alert	3458	2880	414	121	7	11	25
Other	1559	1292	202	48	2	7	8
What searched	.	.	.	.	.	.	.
Driver	19866	13166	4971	1444	33	136	116
Car/property	11326	8792	1755	575	15	78	111
Driver & Property	36480	27358	6986	1741	45	147	203
Search duration	.	.	.	.	.	.	.
0-15 minutes	60294	43311	12750	3442	82	328	381
16-30 minutes	6680	5482	851	261	12	31	43
31+ minutes	891	686	134	58	0	4	9
Contraband found	.	.	.	.	.	.	.
Drugs	11365	9236	1754	290	15	33	37
Alcohol	3313	2379	560	316	8	29	21
Currency	152	84	50	16	1	0	1
Weapon	1813	935	805	60	3	4	6
Stolen property	482	309	154	16	0	0	3
Other	525	408	77	31	0	4	5

Notes: Data reported by the agency to the Attorney General's Office covering traffic stops in 2025.